CLAIMS

1. A positive active material comprising a composite oxide which is constituted of at least lithium (Li), manganese (Mn), nickel (Ni), cobalt (Co), and oxygen (O) and is represented by the following chemical composition formula:

Li_aMn_bNi_cCo_dO_e (Chemical composition formula 1)

(wherein 0<a≤1.3

|b-c|≤0.05

0.6≤d<1

1.7≤e≤2.3

b+c+d=1).

2. A positive active material comprising a composite oxide which is constituted of at least lithium (Li), manganese (Mn), nickel (Ni), cobalt (Co), and oxygen (O) and is represented by the following chemical composition formula:

Li_aMn_bNi_cCo_dO_e (Chemical composition formula 1)

(wherein 0<a≤1.3

|b-c|<0.03

0.8≤d<1

1.7≤e≤2.3

b+c+d=1).

3. A non-aqueous electrolyte battery having a positive electrode containing the positive active material of claim

1 or 2, a negative electrode, and a non-aqueous electrolyte.

4. A non-aqueous electrolyte battery having a positive electrode, a negative electrode, and a non-aqueous electrolyte, characterized in that the positive electrode contains a lithium-manganese oxide (A) having a spinel structure and represented by the general formula LiMn_2O_4 and a lithium-nickel-manganese-cobalt composite oxide (B) having an α -NaFeO₂ type layer structure and represented by the general formula $\text{Li}_a\text{Mn}_b\text{Ni}_c\text{CO}_d\text{O}_e$,

wherein

0<a≤1.3

|b-c|≤0.05

0.6≤d<1

1.7≤e≤2.3

b+c+d=1.

5. A non-aqueous electrolyte battery having a positive electrode, a negative electrode, and a non-aqueous electrolyte, characterized in that the positive electrode contains a lithium-manganese oxide (A) having a spinel structure and represented by the general formula LiMn_2O_4 and a lithium-nickel-manganese-cobalt composite oxide (B) having an α -NaFeO₂ type layer structure and represented by the general formula $\text{Li}_a\text{Mn}_b\text{Ni}_c\text{CO}_d\text{O}_e$,

wherein

0<a≤1.3

|b-c|<0.03

0.8≤d<1

1.7≤e≤2.3

b+c+d=1.

6. The non-aqueous electrolyte battery of claim 4 or 5, characterized in that the positive electrode contains the (A) and the (B) in a proportion (weight ratio) of from 5:95 to 90:10.